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United States Environmental Protection Agency
Pollution Report

I. HEADINGS

DATE: April 3, 2000

SUBJECT: Pollution Report for the Windham Alloys Site, Windham, Portage County, Ohio

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POLREP 2 (Removal - Funded)

II. BACKGROUND

Site No:	B5E5
NPL Status:	Non-NPL
Response Authority	CERCLA
State Notification:	OEPA
Start Date:	March 13, 2000
Completion Date:	TBD
Latitude:	41° 14' 48" N
Longitude:	81° 03' 45" W
CERCLA Incident Category:	Fund Lead-Removal Action

III. SITE INFORMATION

A. Incident Category:

Fund Lead- Removal Action

B. Site Description:

1. Site location and background

Refer to Polrep #1.

2. Description of threats:

Refer to Polrep #1.

3. Previous Response Activities

None.

IV. RESPONSE INFORMATION

A. Situation

1. Current situation

On March 20, 2000, U.S. EPA, START, and the Emergency and Rapid Response Team (ERRS) contractor mobilized to site to begin removal activities at the Windham Alloys site. To date, over 1,500 cubic yards of waste and contaminated soil have been excavated and staged on site. Also, over 19,000 gallons of contaminated water have been collected.

2. Removal actions to date:

On March 27, 2000, ERRS mobilized off-site clay to site, completed the construction of the second clay dam, and pumped water off of surrounding drainage trenches. ERRS also conducted peripheral test trenching to determine the extent of contamination in the southeastern zone (Area 3). ERRS transported 20-yd^3 of non-hazardous debris off site for disposal. START conducted air monitoring and collected soil samples from all test trench locations. Samples were screened for total lead and chromium concentrations utilizing an X-ray fluorescence (XRF) unit. Two grab samples were sent to North Coast Environmental Laboratories for PCB, TCLP and Total lead and chromium, and hexavaliant chromium analysis. In addition, a water sample, which had a distinct yellow tint, was collected from the dammed drainage ditch to be analyzed for total lead and chromium and hexavaliant chromium concentrations. Analytical results verified that no PCBs were present in the samples. However, sample and XRF results indicated that a portion of Area 3 is also impacted with elevated levels of lead and chromium.

On March 28, 2000, ERRS completed test trenching in Area 2 (southwestern) and Area 1 (center island). Visual observations indicated that Area 1 was highly impacted with buried material. ERRS also mobilized a 20,000 gallon tank and began pumping water from the surrounding drainage ditches. ERRS began waste excavation in Area 1. 20 yd^3 of non-hazardous debris was transported off site for disposal. START conducted air monitoring and collected soil samples from all test trench locations. Samples were screened for total lead and chromium concentrations utilizing an XRF unit. Two grab samples were sent to North Coast Environmental Laboratories for TCLP and Total lead and chromium analysis. Analytical results verified that Area 1 has elevated levels of lead and chromium.

On March 29, 2000, ERRS continued waste excavation and pumping of standing water from drainage ditches. START conducted an extent of contamination study

to assess areas surrounding the highly impacted portions of Area 1. Sixteen 5-point composite samples were collected from areas of concern. In addition, 3 verification samples were collected from the excavation area, along with a sample of yellow powder collected from the excavated waste. All samples were sent to North Coast Environmental Laboratories for Total and TCLP lead and chromium analysis. Extent of contamination samples verified that a portion Area 3 does have elevated levels of lead and chromium at the ground surface. Also, preliminary analytical results indicated that Area 2 and the northern portion of Area 1 have TCLP lead and chromium concentrations below clean up levels.

On March 30, 2000, ERRS continued waste excavation and pumping of standing water from the drainage ditches. During waste excavation approximately 50 small metal containers (5 to 10 gallons) and five 55-gallon drums were discovered and staged. Approximately 17 small containers are partially intact and contain material.

On March 31, 1999, ERRS continued waste excavation and pumping of standing water from drainage ditches. Due to high levels of water infiltration into the excavation area and drainage ditches, a second 20,000 gallon tank was mobilized to site. A disposal sample was collected from the initial tank. ERRS also investigated on-site treatment options for both the contaminated soil and water. START conducted air monitoring during all site activities. The site was secured for the weekend.

B. Next Steps

Complete excavation and staging of contaminated material.
Investigate on-site treatability options.
Arrange for transportation and disposal of all wastes.

C. Key Issues

- U.S. EPA conferred with the Ohio Department of Health to establish removal criteria for lead and chromium contamination.

- On March 27, a press release was issued for this project by the Office of Public Affairs.

V. Cost Information (Costs as of 3-27-00)

ERRS	$49,753.90
U.S. EPA	$ 5,498.40
START	$ 5,099.89
Total	$60,352.19